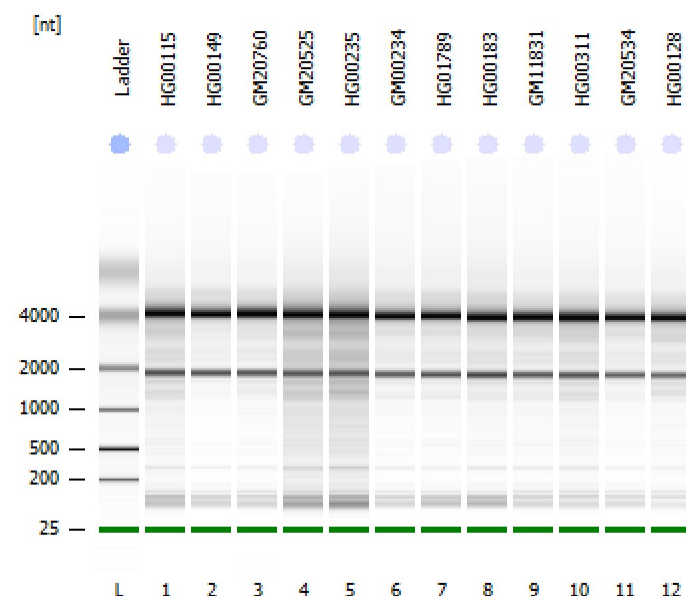


Assay Class: Eukaryote Total RNA Nano  
Data Path: C:\...Eukaryote Total RNA Nano\_DE04105537\_2011-10-13\_14-47-32.xad

Created: 10/13/2011 2:47:31 PM  
Modified: 10/13/2011 3:10:42 PM

**Electrophoresis File Run Summary**Instrument Information:

Instrument Name: DE04105537  
Serial#: DE04105537

Firmware: C.01.069  
Type: G2938C

Assay Information:

Assay Origin Path: C:\Program Files\Agilent\2100 bioanalyzer\2100 expert\assays\RNA\Eukaryote Total RNA Nano Series II.xsy

Assay Class: Eukaryote Total RNA Nano

Version: 2.6

Assay Comments: Total RNA Analysis ng sensitivity (Eukaryote)

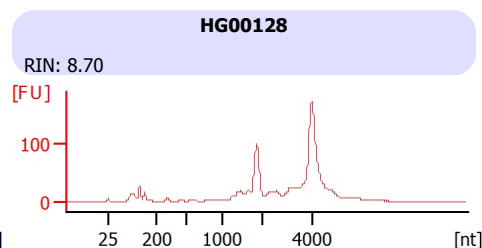
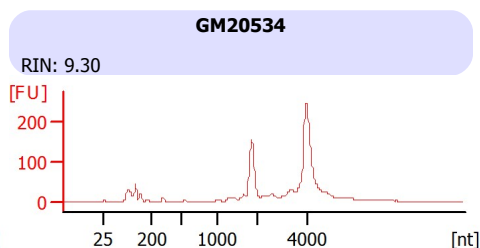
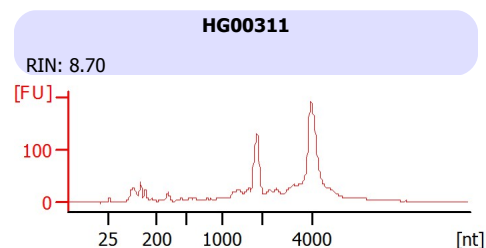
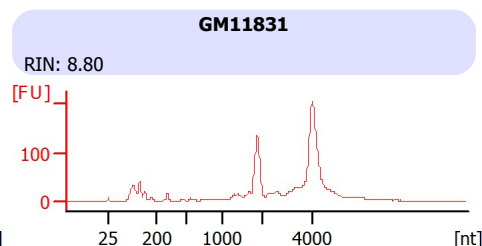
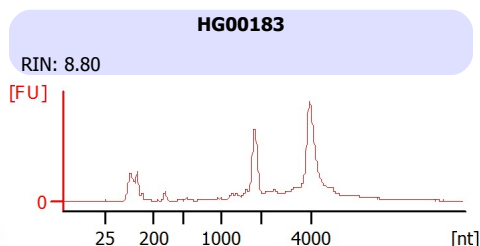
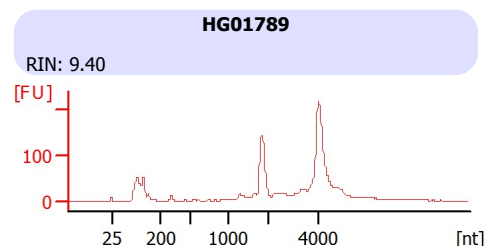
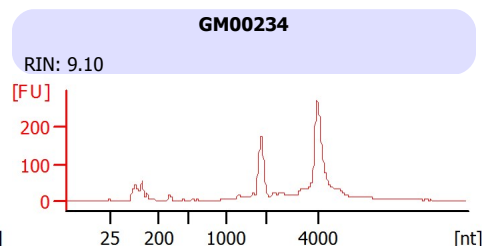
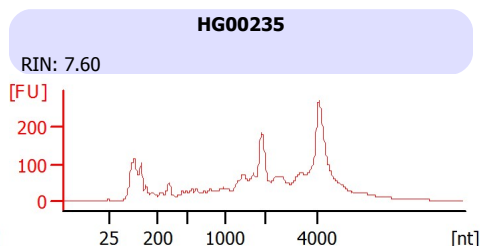
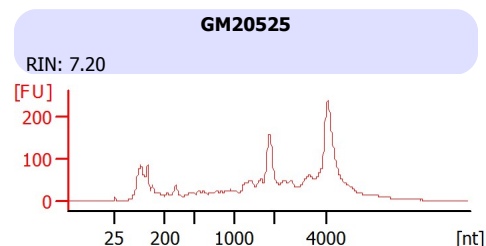
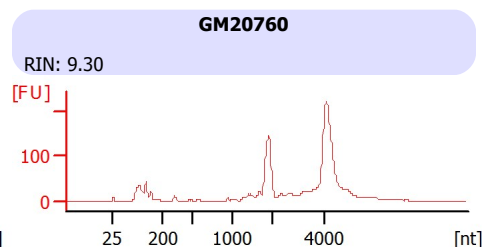
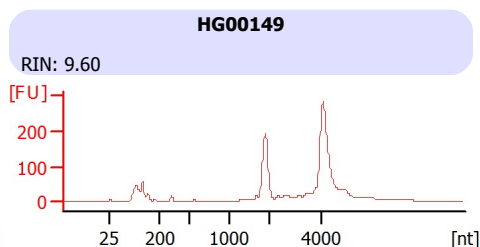
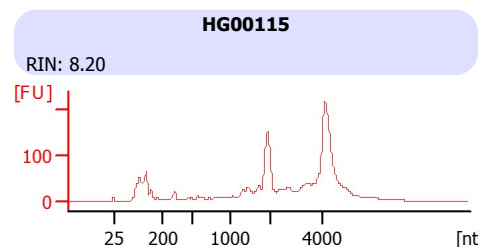
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Chip Information:

Chip Lot #:

Reagent Kit Lot #:

Chip Comments:



Assay Class: Eukaryote Total RNA Nano  
Data Path: C:\...Eukaryote Total RNA Nano\_DE04105537\_2011-10-13\_14-47-32.xad

Created: 10/13/2011 2:47:31 PM  
Modified: 10/13/2011 3:10:42 PM

**Electrophoresis File Run Summary (Chip Summary)**

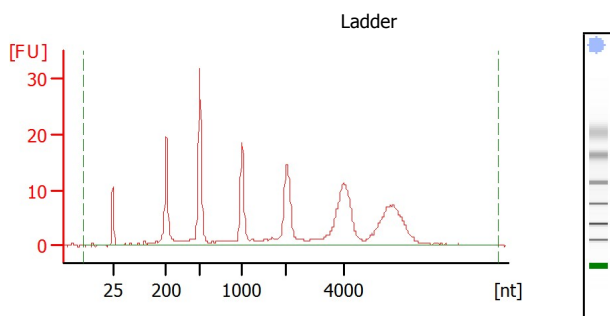
Sample Name	Sample Comment	Status	Result Label	Result Color
HG00115		✓	RIN: 8.20	
HG00149		✓	RIN: 9.60	
GM20760		✓	RIN: 9.30	
GM20525		✓	RIN: 7.20	
HG00235		✓	RIN: 7.60	
GM00234		✓	RIN: 9.10	
HG01789		✓	RIN: 9.40	
HG00183		✓	RIN: 8.80	
GM11831		✓	RIN: 8.80	
HG00311		✓	RIN: 8.70	
GM20534		✓	RIN: 9.30	
HG00128		✓	RIN: 8.70	
Ladder		✓	All Other Samples	

**Chip Lot #****Reagent Kit Lot #****Chip Comments :**

Assay Class: Eukaryote Total RNA Nano  
Data Path: C:\...Eukaryote Total RNA Nano\_DE04105537\_2011-10-13\_14-47-32.xad

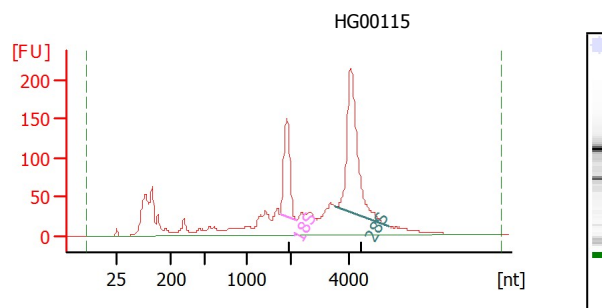
Created: 10/13/2011 2:47:31 PM  
Modified: 10/13/2011 3:10:42 PM

### Electropherogram Summary



#### Overall Results for Ladder

RNA Area: 265.8  
RNA Concentration: 150 ng/μl  
Result Flagging Color:    
Result Flagging Label: All Other Samples

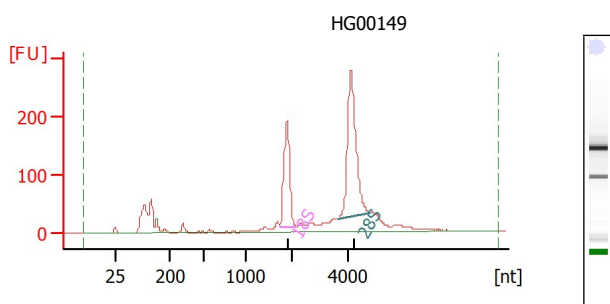


#### Overall Results for sample 1 : HG00115

RNA Area: 2,339.6  
RNA Concentration: 1,320 ng/μl  
rRNA Ratio [28s / 18s]: 2.2  
RNA Integrity Number (RIN): 8.2 (B.02.08)  
Result Flagging Color:    
Result Flagging Label: RIN: 8.20

#### Fragment table for sample 1 : HG00115

Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	1,748	2,194	237.7	10.2
28S	3,537	5,454	518.9	22.2

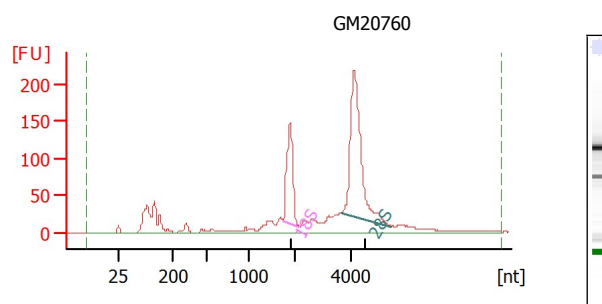


#### Overall Results for sample 2 : HG00149

RNA Area: 1,916.9  
RNA Concentration: 1,082 ng/μl  
rRNA Ratio [28s / 18s]: 1.7  
RNA Integrity Number (RIN): 9.6 (B.02.08)  
Result Flagging Color:    
Result Flagging Label: RIN: 9.60

#### Fragment table for sample 2 : HG00149

Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	1,744	2,184	338.3	17.7
28S	3,646	4,758	562.7	29.4



#### Overall Results for sample 3 : GM20760

RNA Area: 1,735.2  
RNA Concentration: 979 ng/μl  
rRNA Ratio [28s / 18s]: 2.1  
RNA Integrity Number (RIN): 9.3 (B.02.08)  
Result Flagging Color:    
Result Flagging Label: RIN: 9.30

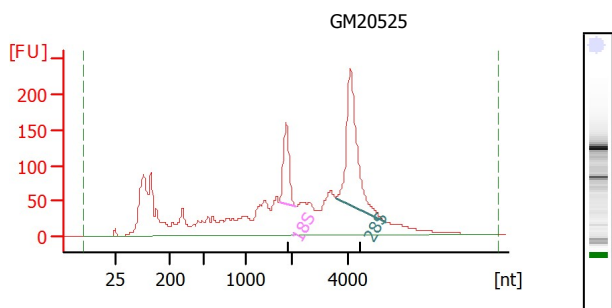
#### Fragment table for sample 3 : GM20760

Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	1,754	2,155	262.2	15.1
28S	3,602	5,386	552.7	31.8

Assay Class: Eukaryote Total RNA Nano  
 Data Path: C:\...Eukaryote Total RNA Nano\_DE04105537\_2011-10-13\_14-47-32.xad

Created: 10/13/2011 2:47:31 PM  
 Modified: 10/13/2011 3:10:42 PM

### Electropherogram Summary Continued ...

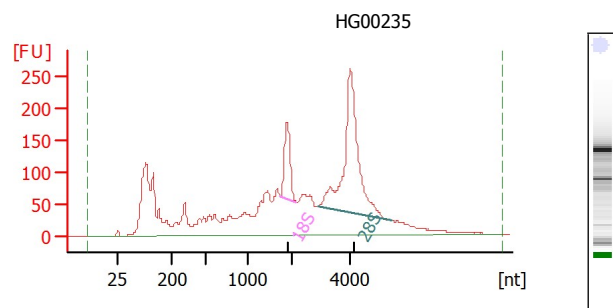


#### Overall Results for sample 4 : GM20525

RNA Area: 3,543.3  
 RNA Concentration: 1,999 ng/μl  
 rRNA Ratio [28s / 18s]: 2.6  
 RNA Integrity Number (RIN): 7.2 (B.02.08)  
 Result Flagging Color:    
 Result Flagging Label: RIN: 7.20

#### Fragment table for sample 4 : GM20525

Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	1,735	2,184	211.3	6.0
28S	3,529	5,299	542.6	15.3

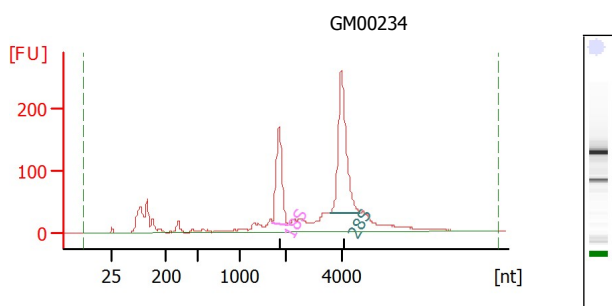


#### Overall Results for sample 5 : HG00235

RNA Area: 4,398.8  
 RNA Concentration: 2,482 ng/μl  
 rRNA Ratio [28s / 18s]: 3.9  
 RNA Integrity Number (RIN): 7.6 (B.02.08)  
 Result Flagging Color:    
 Result Flagging Label: RIN: 7.60

#### Fragment table for sample 5 : HG00235

Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	1,738	2,150	218.7	5.0
28S	2,917	5,484	856.0	19.5

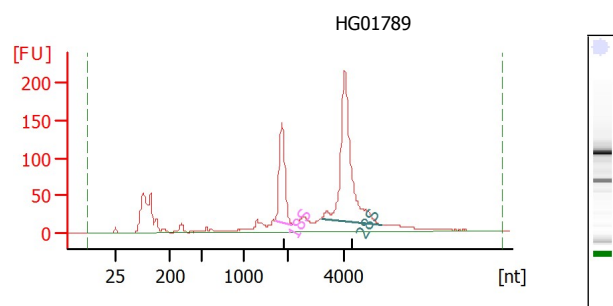


#### Overall Results for sample 6 : GM00234

RNA Area: 1,951.2  
 RNA Concentration: 1,101 ng/μl  
 rRNA Ratio [28s / 18s]: 1.7  
 RNA Integrity Number (RIN): 9.1 (B.02.08)  
 Result Flagging Color:    
 Result Flagging Label: RIN: 9.10

#### Fragment table for sample 6 : GM00234

Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	1,713	2,130	291.5	14.9
28S	3,574	4,690	505.5	25.9



#### Overall Results for sample 7 : HG01789

RNA Area: 1,748.1  
 RNA Concentration: 986 ng/μl  
 rRNA Ratio [28s / 18s]: 2.4  
 RNA Integrity Number (RIN): 9.4 (B.02.08)  
 Result Flagging Color:    
 Result Flagging Label: RIN: 9.40

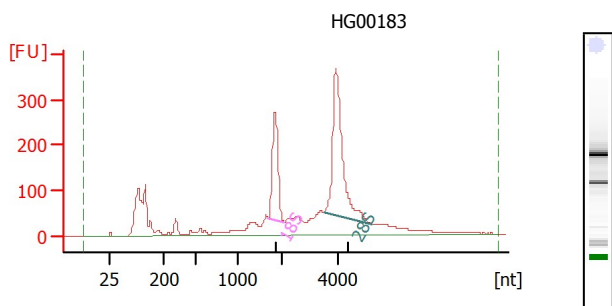
#### Fragment table for sample 7 : HG01789

Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	1,712	2,144	241.8	13.8
28S	3,173	5,306	570.4	32.6

Assay Class: Eukaryote Total RNA Nano  
 Data Path: C:\...Eukaryote Total RNA Nano\_DE04105537\_2011-10-13\_14-47-32.xad

Created: 10/13/2011 2:47:31 PM  
 Modified: 10/13/2011 3:10:42 PM

### Electropherogram Summary Continued ...

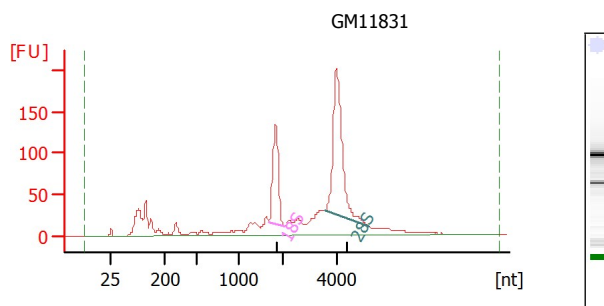


#### Overall Results for sample 8 : HG00183

RNA Area: 3,521.9  
 RNA Concentration: 1,987 ng/μl  
 rRNA Ratio [28s / 18s]: 2.0  
 RNA Integrity Number (RIN): 8.8 (B.02.08)  
 Result Flagging Color:    
 Result Flagging Label: RIN: 8.80

#### Fragment table for sample 8 : HG00183

Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	1,697	2,096	439.8	12.5
28S	3,507	5,263	865.5	24.6

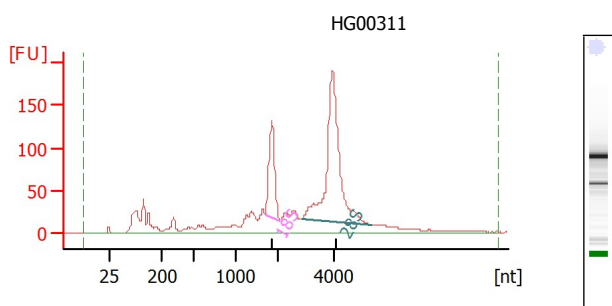


#### Overall Results for sample 9 : GM11831

RNA Area: 1,709.8  
 RNA Concentration: 965 ng/μl  
 rRNA Ratio [28s / 18s]: 2.1  
 RNA Integrity Number (RIN): 8.8 (B.02.08)  
 Result Flagging Color:    
 Result Flagging Label: RIN: 8.80

#### Fragment table for sample 9 : GM11831

Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	1,705	2,079	217.4	12.7
28S	3,523	5,148	451.3	26.4

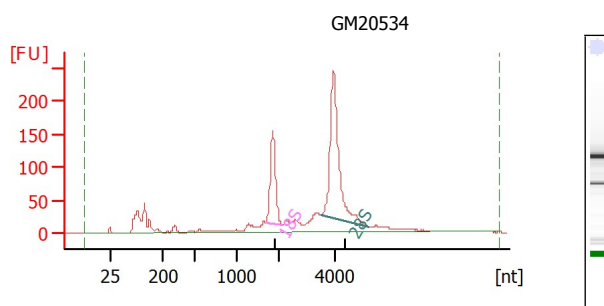


#### Overall Results for sample 10 : HG00311

RNA Area: 1,877.5  
 RNA Concentration: 1,059 ng/μl  
 rRNA Ratio [28s / 18s]: 2.9  
 RNA Integrity Number (RIN): 8.7 (B.02.08)  
 Result Flagging Color:    
 Result Flagging Label: RIN: 8.70

#### Fragment table for sample 10 : HG00311

Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	1,701	2,075	205.7	11.0
28S	2,848	5,377	606.7	32.3



#### Overall Results for sample 11 : GM20534

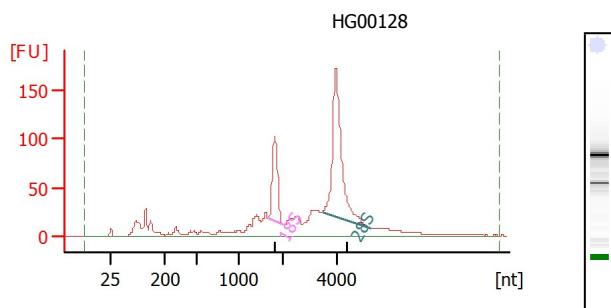
RNA Area: 1,723.1  
 RNA Concentration: 972 ng/μl  
 rRNA Ratio [28s / 18s]: 2.2  
 RNA Integrity Number (RIN): 9.3 (B.02.08)  
 Result Flagging Color:    
 Result Flagging Label: RIN: 9.30

#### Fragment table for sample 11 : GM20534

Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	1,701	2,106	245.5	14.2
28S	3,514	5,195	534.1	31.0

Assay Class: Eukaryote Total RNA Nano  
Data Path: C:\...Eukaryote Total RNA Nano\_DE04105537\_2011-10-13\_14-47-32.xad

Created: 10/13/2011 2:47:31 PM  
Modified: 10/13/2011 3:10:42 PM

**Electropherogram Summary Continued ...****Overall Results for sample 12 : HG00128**

RNA Area: 1,390.2  
RNA Concentration: 784 ng/μl  
rRNA Ratio [28s / 18s]: 2.6  
RNA Integrity Number (RIN): 8.7 (B.02.08)  
Result Flagging Color:    
Result Flagging Label: RIN: 8.70

**Fragment table for sample 12 : HG00128**

Name	Start Size [nt]	End Size [nt]	Area	% of total Area
18S	1,696	2,064	150.6	10.8
28S	3,433	5,163	384.3	27.6